

Appln No. 09/775,315
Amdt date March 28, 2007
Reply to Office action of December 29, 2006

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Please amend claim 11.

1. (Previously Presented) A positive active material for a rechargeable lithium battery comprising:

lithium nickel manganese oxides; and

lithium manganese oxides,

wherein a weight ratio of lithium manganese oxides to the lithium nickel manganese oxides is less than 1:1, providing an excess of lithium nickel manganese oxides.

2. (Previously Presented) The positive active material of claim 1 wherein the lithium nickel manganese oxides is $\text{Li}_x\text{Ni}_{1-y}\text{Mn}_y\text{O}_{2+z}$ ($0 < x < 1.3$, and $0.1 \leq y \leq 0.5$, $0 \leq z \leq 0.5$).

3. (Original) The positive active material of claim 1 wherein the lithium manganese oxides is $\text{Li}_{1+x}\text{Mn}_{2-x}\text{O}_{4+z}$ ($0 \leq x \leq 0.3$, and $0 \leq z \leq 0.5$).

4. (Original) The positive active material of claim 1, wherein the mixing ratio of the lithium nickel manganese oxides and lithium manganese oxides is 90 to 60 : 10 to 40 wt%.

5. (Canceled).

6. (Canceled).

7. (Canceled).

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8. (Canceled).

9. (Canceled).

10. (Canceled).

11. (Currently Amended) A rechargeable lithium battery comprising:
a positive electrode comprising:

a positive active material comprising a mixture of lithium nickel cobalt oxides and lithium manganese oxides, the weight ratio of the lithium manganese oxides to the lithium nickel cobalt oxides being less than 1:1, wherein the lithium manganese oxides and the lithium nickel cobalt oxides remain distinct chemical species and are bonded together by a first binder adapted to be evaporated, [[and]]

a second binder; and

a conductive agent;

~~a second binder;~~

a negative electrode; and

an electrolyte.